

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	625	((73/586) or (73/587)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:28
L2	8427	((rop\$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3 test\$3 measur\$3 determin\$3) and (vibrat\$3 ultrasonic noise reverberat\$3 acoustic sound)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:40
L3	3763	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788) or (73/586) or (73/587)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:40
L4	4729	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788) or (73/587) or (73/589) or (73/660) or (73/662)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L5	1591	((73/587) or (73/589) or (73/660) or (73/662)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L6	21	I2 and I4	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:41
L7	630	((73/587) or (73/589)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:42
L8	3138	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L9	0	I5 and I8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:43

S1	6	("3114510" "4246576" "5248442").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:09
S2	7	("3114510"   "3783252"   "4246576"   "4441102"   "4670161"   "5132024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:14
S3	4315	(hydrocyclone cyclone) and ((rop\$3 flow underflow discharge) same ((sens\$3 detect\$3 analyz\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:15
S4	541	(hydrocyclone cyclone) and ((rop\$3 flow underflow discharge) same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:28
S5	70	(hydrocyclone cyclone) and ((rop\$3 flow underflow discharge) same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic))).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:59
S6	18	S5 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S7	10	("3398888"   "3577341"   "3647067"   "4229298"   "4652254"   "5044092"   "5145256"   "5252202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:23
S8	0	(hydrocyclone cyclone) and (rop\$3 same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:29
S9	8000	(rop\$3 same (sens\$3 detect\$3 analyz\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:29
S10	426	(rop\$3 same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S11	51	(rop\$3 same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic))).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S12	14	S11 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:01
S13	96	(hydrocyclone cyclone) same rop\$3	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:39
S14	29	S13 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:43
S15	0	("5248442").URPN.	USPAT	OR	ON	2004/11/05 18:45
S16	9	("3114510").URPN.	USPAT	OR	ON	2004/11/05 18:51

S17	10	("3094289"   "3114510"   "3145935"   "3352499"   "3358938").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:52
S18	9	("3114510").URPN.	USPAT	OR	ON	2004/11/05 18:53
S19	7	("3145935").URPN.	USPAT	OR	ON	2004/11/05 18:54
S20	4	("2648433").URPN.	USPAT	OR	ON	2004/11/05 18:56
S21	4	("2648433").URPN.	USPAT	OR	ON	2004/11/05 18:58
S22	2699	((rop\$3 cylinder tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:02
S23	730	S22 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:02
S24	557	((rop\$3 cylinder tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic))). bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 15:38
S25	301	S24 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:20
S26	9	(("2800016") or ("2867119") or ("2763790")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/05 19:21
S27	43	((rop\$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))) and (hyrdocyclone cyclone ((ball grind\$3) near2 mill))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:26
S28	8	((rop\$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))) and (hyrdocyclone cyclone ((ball grind\$3) near2 mill)).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:27

S29	203	( "3096434"   "3404264"   "3468164"   "3590370"   "3688190"   "3691842"   "3701280"   "3849637"   "3855858"   "3952759"   "3973184"   "4058975"   "4099413"   "4102199"   "4122719"   "4249164"   "4250490"   "4279013"   "4337516"   "4399824"   "4417312"   "4517468"   "4530234"   "4571689"   "4635214"   "4642782"   "4644479"   "4649515"   "4668473"   "4707796"   "4720806"   "4736367"   "4736763"   "4777585"   "4818994"   "4831564"   "4841286"   "4853693"   "4873655"   "4907167"   "4924418"   "4934196"   "4939753"   "4964125"   "4988990"   "4992965"   "5005142"   "5043862"   "5053815"   "5067099"   "5081598"   "5089979"   "5089984"   "5098197"   "5099436"   "5103409"   "5111531"   "5121467"   "5122794"   "5122976"   "5130936"   "5134574"   "5137370"   "5142612"   "5143452"   "5148378"   "5167009"   "5175678"   "5193143"   "5197114"   "5197328"   "5212765"   "5214582"   "5224203"   "5228780"   "5235527"   "5265031"   "5265222"   "5269311"   "5274572"   "5282131"   "5282261"   "5293585"   "5303181"   "5305230"   "5311421"   "5317520"   "5327357"   "5333240"   "5347843"   "5349541"   "5357449"   "5361628"   "5365423"   "5365787"   "5367612"   "5384699"   "5386373"   "5388465"   "5394341"   "5394543"   "5404064"   "5408406"   "5408586"   "5414645"   "5419197"   "5430642"   "5434774"   "5436705"   "5440478"   "5442639"   "5467355"   "5469070"   "5469156"   "5469735"   "5469749"   "5481199"   "5483387"   "5485753"   "5486996"   "5488697"   "5489831"   "5495769"   "5510779"   "5511004"), PN, OR ( "5526293"   "5539638"   "5548528"   "5555190"   "5560246"   "5561599"   "5570300"   "5572420"   "5573032"   "5591922"   "5598521"   "5600148"   "5608650"   "5623605"   "5637802"   "5640491"   "5661668"   "5665899"   "5671335"   "5675504"   "5675724"   "5680109"   "5682317"   "5704011"   "5705978"   "5708211"   "5708585"   "5710370"   "5713668"   "5742845"   "5746511"   "5752008"   "5764891"   "5781878"   "5801689"   "5805442"   "5817950"   "5828567"   "5859964"   "5880376"   "5887978"   "5908990"   "5923557"   "5924086"   "5936514"   "5940290"   "5956663"   "5970430"	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 15:57
Search History	11/8/04 12:16:53 PM	"6014902"   "6018523"   "6016706" C:\APPS\EAST\Workspaces\10603994RopingDetector\HydroCyclone.wsp "6017143"   "6023399"   "6038579" "6047220"   "6047222"   "6052655"				

S30	1	("2971896").URPN.	USPAT	OR	ON	2004/11/06 16:52
S31	5	("2235928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 16:52
S32	6	("2235928").URPN.	USPAT	OR	ON	2004/11/06 16:53
S33	4	("3784115").URPN.	USPAT	OR	ON	2004/11/06 16:56
S34	3	("2760184").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 16:56
S35	9	("2760184").URPN.	USPAT	OR	ON	2004/11/06 18:22
S36	2223	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (209/590) or (73/597)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:24
S37	1187	((209/590) or (73/597)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:24
S38	1037	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:29
S39	1	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 18:24
S40	6	("4222859"   "4576286"   "4602716"   "5152604"   "5351832"   "5458245"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:25
S41	215	((209/726) or (209/727)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:26
S42	754	S36 and ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27
S43	57	S38 and ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27

S44	57	S43 not S27	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27
S45	0	("5248442").URPN.	USPAT	OR	ON	2004/11/06 18:29
S46	7	("3114510"   "3783252"   "4246576"   "4441102"   "4670161"   "5132024"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:29
S47	21	("2659881"   "2798215"   "2967297"   "3284788"   "3445834"   "3493951"   "3557616"   "3686926"   "3735201"   "3849723"   "3878103"   "4103292"   "4193356"   "4246576").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:30
S48	4	("4441102").URPN.	USPAT	OR	ON	2004/11/06 18:32
S49	9	("3114510").URPN.	USPAT	OR	ON	2004/11/06 18:33